

**What is claimed is:**

1. A width-adjustable alternating air inflation mattress having a body; at least one lateral side of the body being added with tubular air cells for increasing a width of the mattress; inflation of the tubular air cell being  
5 controlled by air valves; wherein when the tubular air cells are inflated, the width of the mattress body is increased.

2. The width-adjustable alternating air inflation mattress as claimed in claim 1, wherein only one tubular air cell is added at one side of the mattress body.

10 3. The width-adjustable air inflation mattress as claimed in claim 1, wherein two opposite sides of the mattress body are added with tubular air cells.

4. The width-adjustable alternating air inflation mattress as claimed in claim 1, wherein alternating air inflation mattress has a plurality of first  
15 tubular air cells, a plurality of second tubular air cells and a plurality of third tubular air cells which are arranged transversally for forming the body; and the added tubular air cells are arranged longitudinally at both sides of the fourth tubular air cells.

5. The width-adjustable alternating air inflation mattress comprising:  
20 a mattress body having a plurality of first tubular air cells, a plurality of second tubular air cells and a plurality of third tubular air cells which are arranged transversally for forming the mattress; and at least one fourth tubular air cell and at least one fifth tubular air cell being added longitudinally at two opposite sides of the four tubular air cells;

25 a pump having air suction and air outlet for pumping air to any one of the tubular air cells;

a first air valve being connected between the mattress body, the pump and the second air valve; the first air valve including a first air inlet, an air supply, an air transfer tube, a first, a second, a third connecting tubes, and  
30 a first opening; the first air inlet being connected to the air outlet of the pump; the air supply opening being connected to the air suction; the first

connecting tube being connected to the tubular air cells; the second connecting tube being connected to the tubular air cells; the third connecting tube being connected to the tubular air cells; and the first opening being opened;

5 the second air valve being installed between the first air valve and the mattress body for alternatively inflating and evacuating air in the fourth tubular air cells and fifth tubular air cells; the second air valve including a second air inlet, a second opening, a fourth connecting tube, a fifth connecting tube; the second air inlet being connected to the air transfer  
10 tube; the second opening being opened and the connecting tubes being communicable to the tubular air cells, respectively.

6. The width-adjustable alternating air inflation mattress as claimed in claim 5, wherein the first air valve is formed by a first upper body and a first lower body which are overlapped; an inner surface of the first upper  
15 body is formed with an annular edge and a center thereof has a shaft; sealing plates space the second upper body into an upper center space and two other spaces; an edge of the first lower body has an annular edge and a center thereof has a concave space and a lower central space; a first air inlet, an air supply opening; an air transfer tube; a fourth, fifth and sixth  
20 connecting tubes; and a first opening; an interior of the first air inlet is communicable to the lower central space.

7. The width-adjustable alternating air inflation mattress as claimed in claim 5, wherein the second air valve is formed by a second upper body and a second lower body which are overlapped to one another; an inner  
25 center of the second upper body is formed with a shaft and an edge thereof is formed with a first space and a second opening; the second lower body includes a second air inlet, a fourth connecting tube, a fifth connecting tube, a shaft, a central space, a second space, a third space; an interior of the second air inlet is communicable to the central space; the second space  
30 is communicable to the connecting tube; the third space is communicable to the connecting tube.